

Title (en)

POLYOXYALKYLENE POLYMER MIXTURE AND CURABLE COMPOSITION

Title (de)

POLYOXYALKYLENPOLYMERMISCHUNG UND HÄRTBARE ZUSAMMENSETZUNG

Title (fr)

MÉLANGE DE POLYMÈRES DE POLYOXYALKYLÈNE ET COMPOSITION DURCISSABLE

Publication

**EP 4130153 A1 20230208 (EN)**

Application

**EP 21779721 A 20210322**

Priority

- JP 2021011754 W 20210322
- JP 2020061829 A 20200331

Abstract (en)

Provided is a mixture of polymers (A) and (B), each of the polymers (A) and (B) having a polyoxyalkylene main chain structure and a terminal structure bonded to an end of the main chain structure. The terminal structures include hydrolyzable silyl groups and further include terminal olefin groups and/or internal olefin groups, the number of the terminal structures per molecule of the polymer (A) is 1.5 or more on average (or the number is two or more), the number of the terminal structures per molecule of the polymer (B) is 1.2 or less on average (or the number is one). In each of the polymers (A) and (B), the total number of the hydrolyzable silyl, terminal olefin, and internal olefin groups is more than 1.0 on average per terminal structure. In the whole mixture, the percentage of the hydrolyzable silyl groups to the total of the hydrolyzable silyl, terminal olefin, and internal olefin groups is from 40 to 75%.

IPC 8 full level

**C08L 71/00** (2006.01); **C08G 65/336** (2006.01)

CPC (source: EP US)

**C08G 65/336** (2013.01 - EP); **C08L 71/02** (2013.01 - EP US)

C-Set (source: EP)

**C08L 71/02** + **C08L 71/02**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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